20-118-4-22/61

AUTHORS: Govorova, R. A., Sen'kin, Ye. P.

TITLE: Some Features of the Grinding of Glass With Soft Abrasives (Ob osobennostyakh shlifovki stekla myagkimi shlifoval'nikami)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 4, pp. 705-708 (USSR)

ABSTRACT: The cavities in glass are from 30 to 50 % less deep, if soft abrasives are used instead of abrasives of cast iron. The present paper investigates the reasons for this phenomenon and exactly defines several details of the grinding process. When the worked piece is rotated below the abrasive, the grain of the abrasive sooner or later moves into such a position as to make possible an increase of the strains transferred from the glass or from the abrasive without causing a motion of the corn. The grain is conically shaped, which represents its operational position. When a conical shape is reached, the following cases are possible: 1) the grain passes through the operational position

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previous to the rupture of the glass.
2) The strains increase in such a way, that the glass starts to break, but that it leaves the operational position still unbroken.
3) The strains can increase to such an extent as to destroy the grain. Strains exceeding this value cannot be transferred to the glass by the grain. Just because of this fact the depth of the maximum cavities in the glass is above all determined by the strength of the grain (that is to say by its size and material). Due to the fact that soft abrasives furnish a smaller depth of the cavities, they will also have smaller grains. The probable causes for the reduction of the strains on the grain are given. Then the experimental method used here for the determination of the strains on grains is discussed. Four abrasives, steel, cast iron, aluminum, and plexiglass were investigated. The experiments were performed, on the laboratory lathe ShP-150, sand being used as abrasive. A diagram illustrates the curves of the crushing strains for abrasives of different size. The curves corresponding to abrasives of steel and cast iron pass through the zone above the mean crushing strains. The

curves corresponding to grinding agents from aluminum and plexiglass pass considerably lower. This speaks in favor of the fact, that abrasives of aluminum and plexiglass do not destroy the largest grains of the basic fraction. Furtheron the authors mention other experimental data, which confirm the correctness of the here found values on strains. Then the number N of active grains in abrasives of cast iron and plexiglass is approximately estimated. About 2 % of the grains are active below an abrasive of cast iron and about 7 % below an abrasive of plexiglass.
There are 2 figures, 2 tables, and 1 reference, 1 of which is Soviet.

ASSOCIATION: Institut khimii silikatov Akademii nauk SSSR
(Institute for the Chemistry of Silicates, AS USSR

PRESENTED: July 8, 1957, by A. A. Lebedev, Member of the Academy
SUBMITTED: July 4, 1957
AVAILABLE: Library of Congress

ALEKSEYEVA, O. S.; BOKIN, P. Ya.; GOVOROVA, R. A.; KORELOVA, A. I.; NIKANDROVA, G. A.

"Structural variations in lithium silicate and lithium alumosilicate glasses in the process of crystallization and their effect on mechanical properties."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad, 16-21 Mar 64.

L 11850-66 EWT(m)/EWP(e)/EWP(b) WH/GS
ACC NR: AT6000510 SOURCE CODE: UR/0000/65/000/000/0382/0386

AUTHOR: Alekseyeva, O. S.; Bokin, P. Ya.; Govorova, R. A.; Korelova, A. I.; Nikandrova, G. A.

ORG: None

TITLE: Structural changes in lithia-silica and lithia-alumino silica glasses during crystallization and their effect on mechanical properties

SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu. 4th, Leningrad, 1964. Steklobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya, Leningrad, Izd-vo Nauka, 1965, 382-386

TOPIC TAGS: lithium glass, silicate glass, aluminum silicate, glass property, catalyzed crystallization, crystallization, electron microscopy, x ray analysis, solid mechanical property

ABSTRACT: Two lithia-silica glasses (34.4 and 23.4 mol % of Li_2O) and one lithia-aluminosilica glass containing a small admixture of potassium oxide and silver and cerium dioxide catalyzers have been investigated. Polished glass samples (20 x 25 x 3 mm) were crystallized under single or repeated heating to 400—900C over periods of 4 to 24 hrs. The structure was investigated by standard (2375 X) and electron (8000 X) microscope, while the composition was checked

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L 11850-66
ACC NR: AT6000510

by x-ray phase analysis. Experimentally obtained data cover the crystalline phases, density, microhardness, surface strength, and Young's modulus. Comparative analysis of the results shows that the mechanical properties of the glasses are sensitive to the phase transitions within the glass samples. The electron microscope work was performed by A. D. Piskunova. Orig. art. has: 2 figures and 1 table.

SUB CODE: 11, 20 / SUBM DATE: 22May65 / ORIG REF: 005 / OTH REF: 002

jw
Card 2/2

GOVOROVA, R. P.

Kuznetsov, V. I., Govorova, R. P., and Shilov, S. V. "Complex utilization of the brown coal of the Ukranian SSR," Report 2, Ukr. khim. shurnal, Vol. XV, Issue 1, 1949, p. 11-24

SO: U-5241, 17 December 1953,(Letopis 'zhurnal 'nkyh Statey, No. 26, 1949)

Govorova, R. P.

USSR/Chemistry - Low Temp Coking; Lignite Sep/Oct 53

"Complex Utilization of Brown Coals of the Ukrainian SSR. 7. Investigation of the Composition of Tar Fractions Obtained by Low Temperature Coking of Brown Coal," N. M. Karavayev, V. I. Kuznetsov, R. P. Govorova, Inst of Heat Power Engng, Acad Sci Uk SSR.

Ukrain Khim Zhur, Vol 19, No 5, pp 556-561.

Purification of the ligroin-kerosene and paraffin fractions is best carried out by selective solvent extraction. The furfural used as a solvent can be recovered almost completely, and the material extracted applied in the (used) rubber recovery industry.

271T6

GOVOROVA, R. P.

Govorova, R. P. - "Obtaining Motor Fuels from the Semicoke Tar of Ukrainian Brown Coal, and a Study of Its Gasoline Fraction." Acad Sci Ukrainian SSR. Inst of Heat Power Engineering. Kiev, 1955 (Dissertation for the Degree of Candidate in Technical Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 116-127

GOVOROVA, R. P.

USSR/ Chemistry - Chemical technology

Card 1/2 Pub. 116 - 23/25

Authors : Kuznetsov, V. I. ; Govorova, R. P.; Livyy, G. V.; and Landa, I. M.

Title : Use of furfurole extracts of ligroin-kerosene fractions of primary lignite tar for reclaiming of rubber

Periodical : Ukr. khim. zhur. 21/1, 127-131, 1955

Abstract : Lignite tar refining wastes and especially furfurole extracts of ligroin-kerosene fractions were investigated to determine their applicability as plasticizers for rubber reclamation. It was found that the ligroin-kerosene extract is an active swelling agent for synthetic rubber. Even though the extract cannot be used in pure form for the reclamation of rubber it is, however, well applicable as a diluent of solid plasticizers which makes it possible to obtain reclaimed rubber with high physico-mechanical

Institution : Acad. of Sc., Ukr-SSR, Heat Energy Institute, The Rubber Reclaiming Plant, Kiev.

Submitted : February 20, 1955

Periodical : Ukr. khim. zhur. 21/1, 127-131, 1955

Card 2/2 : Pub. 116 - 23/25

Abstract : properties. The best results were obtained during the application of solid plasticizers of the colophony, coumarone resin types. Four USSR references (1938-1953). Tables; graphs.

GOVOROVA, R.P.

USSR/ Chemistry - Solid fuels

Card 1/1 Pub. 116 - 26/29

Authors : Kuznetsov, V. I.; Govorova, R. P.; Fadeycheva, A. G.; Gigel', T. B.; and Chernykh, M. K.

Title : Complex utilization of brown coal in the Ukr. SSR. Part 13, Tars from semicoking of smut coal with the solid heat carrier - semicoke

Periodical : Ukr. khim. zhur. 21/6, 804-809, Dec 1955

Abstract : Tars obtained by semicoking of brown coal with the solid heat-carrier (semicoke) were found to offer a higher yield of benzene and lower yield of paraffin fractions as compared with tar obtained during the semicoking of the very same coal with a gaseous heat carrier. The primary decomposition products during the semicoking of brown coal with a solid heat carrier - semicoke - submit to cracking to a greater extent than during semicoking with a gaseous heat carrier. The increase in fractions in tars of unsaturated compounds was found to be due to cracking. The phenols obtained from such fractions offer a somewhat lower yield of phenol-cresol fractions; and the paraffin yield is much lower. Tables; graph.

Institution : Acad. of Sc., Ukr. SSR, Inst. of Heat Power Engineering, Lab. for Chem. Proc.

Submitted : June 17, 1955

GOVOROVA, R.P.

11(7) P.2 PHASE I BOOK EXPLOITATION SOV/2794

Akademiya nauk Ukrainskoy SSR. Institut teploenergetiki

Izucheniye i kompleksnaya pererabotka smol i bitumov burykh ugley Dneprovskogo basseyna, ch. 2 (Study of Tars and Bitumens of Dnepr Basin Brown Coal and Their Comprehensive Conversion, Pt. 2) Kiyev, 1958. 127 p. 1,000 copies printed.

Resp. Ed.: N. M. Karavayev, Professor, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: T. K. Remennik; Tech. Ed.: I. D. Milekhin.

PURPOSE: This collection of articles is intended for scientific workers in fuel research institutes as well as for technical and engineering personnel studying problems of comprehensive utilization of solid fuels.

COVERAGE: This collection of articles on the utilization of coal for chemical products is the result of investigations made by the Institute of Thermal Power Engineering of the Academy of Science of the Ukrainian SSR. The process of converting tar and carbobitumens produced through the thermal decomposition of Dneper basin brown coal is analyzed. The importance of the utilization of gases and products of thermal conversion of solid fuel for the growing

Card 1/4

production of synthetic materials is pointed out. The use of solid fuels both as a source of heat energy and as a source of chemicals is emphasized. References accompany individual articles.

TABLE OF CONTENTS:

Study of Tars and Bitumens (Cont.) SOV/2794

AVAILABLE: Library of Congress (TP953.A35)

Card 4/4

TM/os
1/11/60

GOVOROVA, R.P. [Hovorova, R.P.], kand. tekhn. nauk

Recovery of engine fuels from the tar of semicoked Ukrainian brown coal. Kompl. vyk. pal.-energ. res. Ukr. no.1:181-191 '59. (MIRA 16:7)

1. Institut teploenergetiki AN UkrSSR.
(Coal—Carbonization)
(Coal tar products)

TOLUBINSKIY, V.I. [Tolubins'kyi, V.I.]; SHKURATOV, I.Ya.; GOVOROVA, R.P. [Hovorova, R.P.]; KLIMENKO, Yu.G. [Klymenko, IU.H.]

Effect of the temperature of the process on the yield and quality of the products from the pyrolysis of brown coal tar. Zbir. prats' Inst. tepl. AN URSR no.25:3-8 '62. (MIRA 17:1)

GOVOROVA, R.P. [Hovorova, R.P.]

Surface-active substances with a base of the wide fraction of brown coal tar. Zbir. prats' Inst. tepl. AN URSR no.25: 62-68 '62. (MIRA 17:1)

L 31332-66 EWT(1)/T JK

ACC NR: AP6022579 (A, N) SOURCE CODE: UR/0346/66/000/001/0013/0016

AUTHOR: Rovenkov, A. G.; Govorova, S. V.; Tsuverkalov, D. A.

ORG: All-Union Scientific Research Institute of Veterinary Virology and Microbiology (Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy virusologii i mikrobiologii)

TITLE: Effect of enrichment of Frenkel's medium on reproduction of foot-and-mouth disease virus

SOURCE: Veterinariya, no. 1, 1966, 13-16

TOPIC TAGS: foot and mouth disease, virus, vaccine, virology, biochemistry, amino acid

ABSTRACT: The effect of a high glucose content in Frenkel's medium on production of the foot-and-mouth disease virus was studied in an effort to obtain a titer high enough (above 6 lg ID_{50}/ml) to obtain vaccine. In Frenkel's medium (glucose 100 mg/l, arginine 50 mg/l, and cysteine 125 mg/l) and six enriched modifications were used. To the second and third, 200 and 400 mg/l of glucose were added, respectively; to the fourth, 100 mg/l of arginine; to the fifth, 250 mg/l of cysteine; to the sixth, 100 mg/l of arginine and 200 mg/l of glucose; and to the seventh, 200 mg/l of glucose, 100 mg/l of arginine and 250 mg/l of cysteine. Two strains of Type O of the virus

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UDC: 619:616.988.43-093.35

L 31332-66

ACC NR: AP6022579

were used one adapted to an explant of cattle tongue epithelium, and the other a strain used for commercial production. It was found that the degree of glucose assimilation in Frenkel's medium with an explant of cattle tongue epithelium was higher in the culture infected with foot-and-mouth disease virus than in the non-infected culture. Increasing the concentration of glucose did not affect the degree of glycolysis whether the virus was present in the culture or not. Most intensive glucose and amino acid metabolism was observed in the first hours of cultivation (up to 20); then the rate of biochemical processes associated with conversion of these substances (glycolysis, deamination, etc.) declined. Orig. art. has: 4 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 008

Card 2/2

AUTHORS: Govorova, V., Senior Economist; Kobzev, A., District Inspector (Stalinskiy rayon, Akmolinskaya oblast) SOV/2-58-11-5/18

TITLE: The Lessons of the Test Census Takings Have Been Considered (Uchteny uroki probnoy perepisi)

PERIODICAL: Vestnik statistiki, 1958, Nr 11, pp 25-29 (USSR)

ABSTRACT: The authors describe the particular conditions in the Stalinskiy district (Akmolinskaya oblast') and enumerate all preparations performed for the All-Union census in January 1959. There are 2 tables.

ASSOCIATION: Upravleniye po provedeniyu Vsesoyuznoy perepisi naseleniya TsSU SSSR (The USSR TsSU Administration Conducting the All-Union Census); TsSU SSSR (The USSR Central Administration of Statistics)

Card 1/1

AUTHORS: [illegible]

TITLE: The Moscow Institute of Economics and Statistics "Post-War Census Held in Different Countries" - Collected Articles (Moskovskiy ekonomiko-statisticheskiy institut "Poslevoyennyye perepisi naseleniya" - sbornik statey)

PERIODICAL: Vestnik statistiki, 1958, Nr 11, pp 77-79 (USSR)

ABSTRACT: This is a book review of the above mentioned work, published by the Gosstatizdat in 1957. The volume contains articles on census taking in socialist countries (Albania, China, Poland, Eastern Germany, and Czechoslovakia) and in Great Britain, France, Italy, Canada, the US, India and Japan.

Card 1/1

GOVOROVA, V.M.; GLAZER, R.I.

Use of fuchsin sulfurous acid as a reagent for detection of ammonia.
Trudy Kish.sel'khoz.inst. 26:135-136 '62. (MIRA 16:5)
(Ammonia) (Schiff reaction)

GOVOROVA, V. M.

Synthesis of diallyl ester of thiodipropionic acid. Trudy Kish.sel'khoz.inst. 26:175-178 '62. (MIRA 16:5)
(Propionic acid) (Allyl alcohol)

L 8439-65 EWT(m)/EWP(q)/EWP(b) Pq-4 ASD(a)-5/AFWL/AS(mp)-2/ASD(f)/ESD(dp)/ESD(c)/ESD(gs)/ESD(t)/RAEM(t) WH

ACCESSION NR: AP4048379 S/0070/64/009/004/0459/0465

AUTHOR: Govorova, Ye. Z.; Firsova, M. M.

TITLE: Interaction of natural oscillations in crystals B

SOURCE: Kristallografiya, v. 9, no. 4, 1964, 459-465

TOPIC TAGS: crystal, oscillation, nonlinear equation, elastic wave, longitudinal wave, transverse wave, quartz crystal, diffraction pattern, crystal oscillation

ABSTRACT: A study of the system of non-linear equations for oscillations in a crystal gives the following results. An elastic wave with a sufficiently large amplitude, when propagated in an arbitrary direction in an arbitrary [illegible] should excite waves of two other possible polarizations which are [illegible] in the same direction. The e[illegible] wave [illegible] the wave [illegible] the coefficient $A_{ijkl} \neq 0$ in the system of equations. The application of this formal principal to an α-quartz crystal showed that purely longitudinal waves in the crystal are propagated independently, i.e. no waves with other polarizations are excited. Transverse waves cannot be propagated independently but excite longitudinal waves, transverse waves with the other

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L 8439-65
ACCESSION NR: AP4048379

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possible polarizations and also quasilongitudinal and quasitransverse waves. Quasilongitudinal and quasitransverse waves excite one another. Diffraction patterns obtained by the Echeffer-Bergmann method on a small block of α-quartz showed the presence of concomitant waves in conformity with the calculations carried out in the article. The theoretical calculations were performed by Ye. Z. GOVOROVA. All the experimental results were obtained by M. M. FIRSOVA. The authors express gratitude to V. G. ZUBOV for the proposed theme and direction of the work and to A. T. IVANOV for participation in the discussion of the results.

ASSOCIATION: Moskovskiy gosudarstvenny*y universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 18Dec63 ENCL: 00 SUB CODE: SS, ME

NO REF SOV: 002 OTHER: 004 JPRS

Card 2/2

GOVOROVA, Ye.Z.; FIRSOVA, M.M.

Interaction of natural oscillations in crystals. Kristallografiia 9 no.4:459-465 Jl-Ag '64.

(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

L 22091-66 EWT(1)/T IJP(c) GG

ACC NR: AP6012940 SOURCE CODE: UR/0070/65/010/001/0056/0058

AUTHOR: Zubov, V. G.; Govorova, Ye. Z.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Third-order anharmonicity effects in crystals

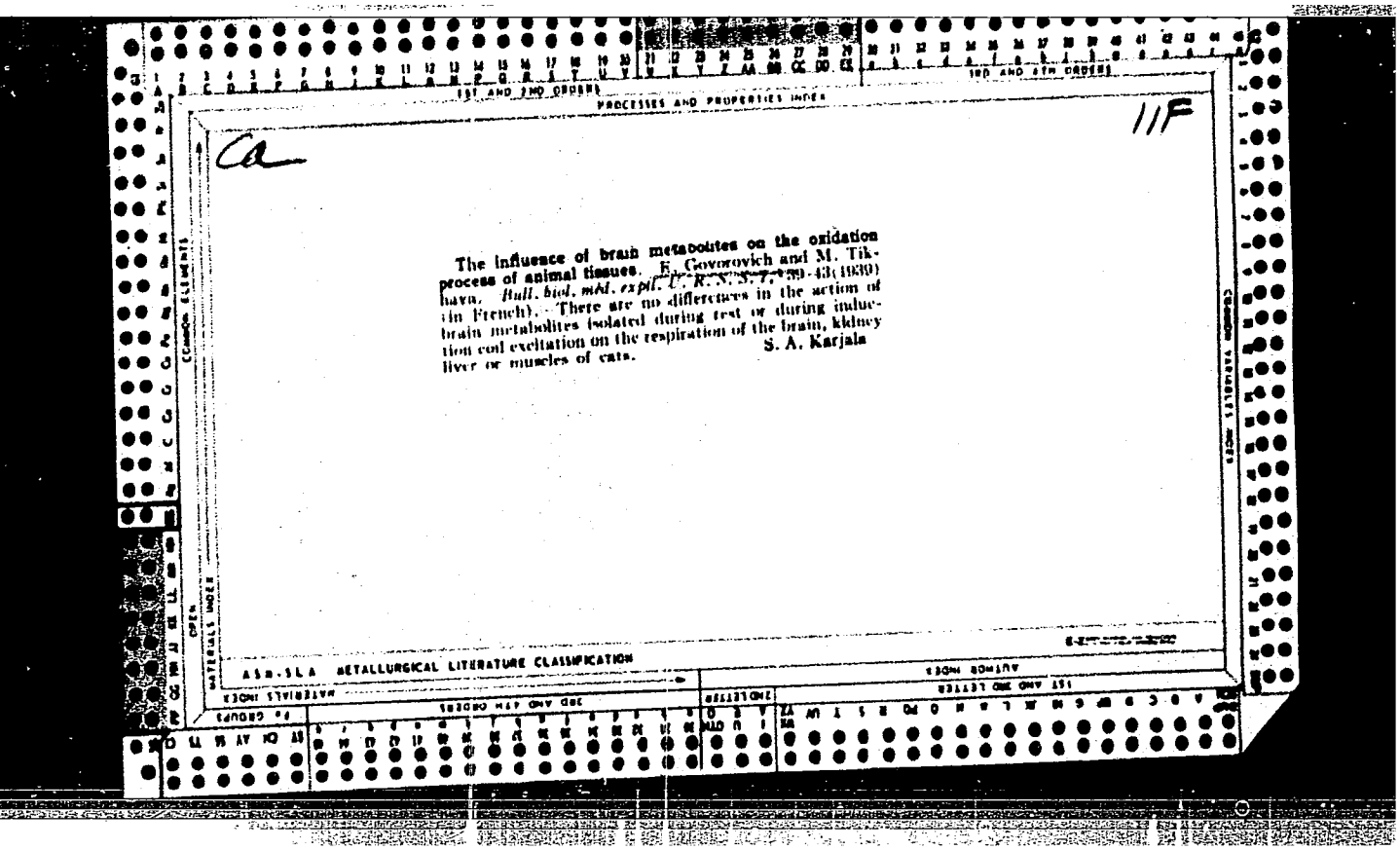
SOURCE: Kristallografiya, v. 10, no. 1, 1965, 56-58

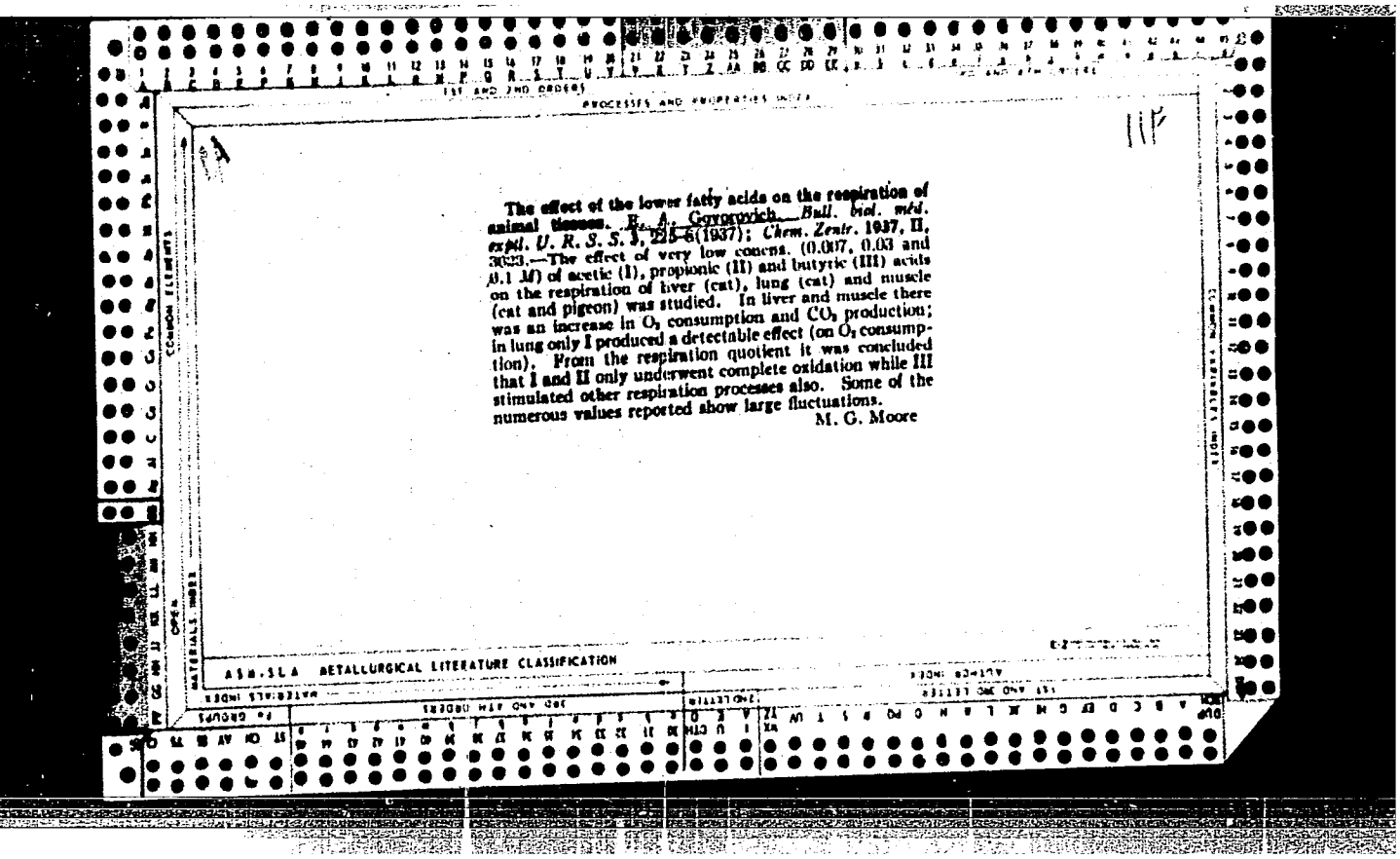
TOPIC TAGS: phase transition, ultrasonics, crystallography

ABSTRACT: The conditions are formulated for resonant interaction between two intersecting waves in a crystal. A numerical solution is given of the equation for the interaction between X3 and Y3 waves in α-quartz. This solution is verified experimentally by the Bergman-Scheffer ultrasonic diffraction method. Photographs at room temperature and near the phase transition (500° C) are given which support the numerical calculation. Orig. art. has: 2 figures and 10 formulas. [JPRS]

SUB CODE: 20 / SUBM DATE: 20Jun64 / ORIG REF: 003 / OTH REF: 002

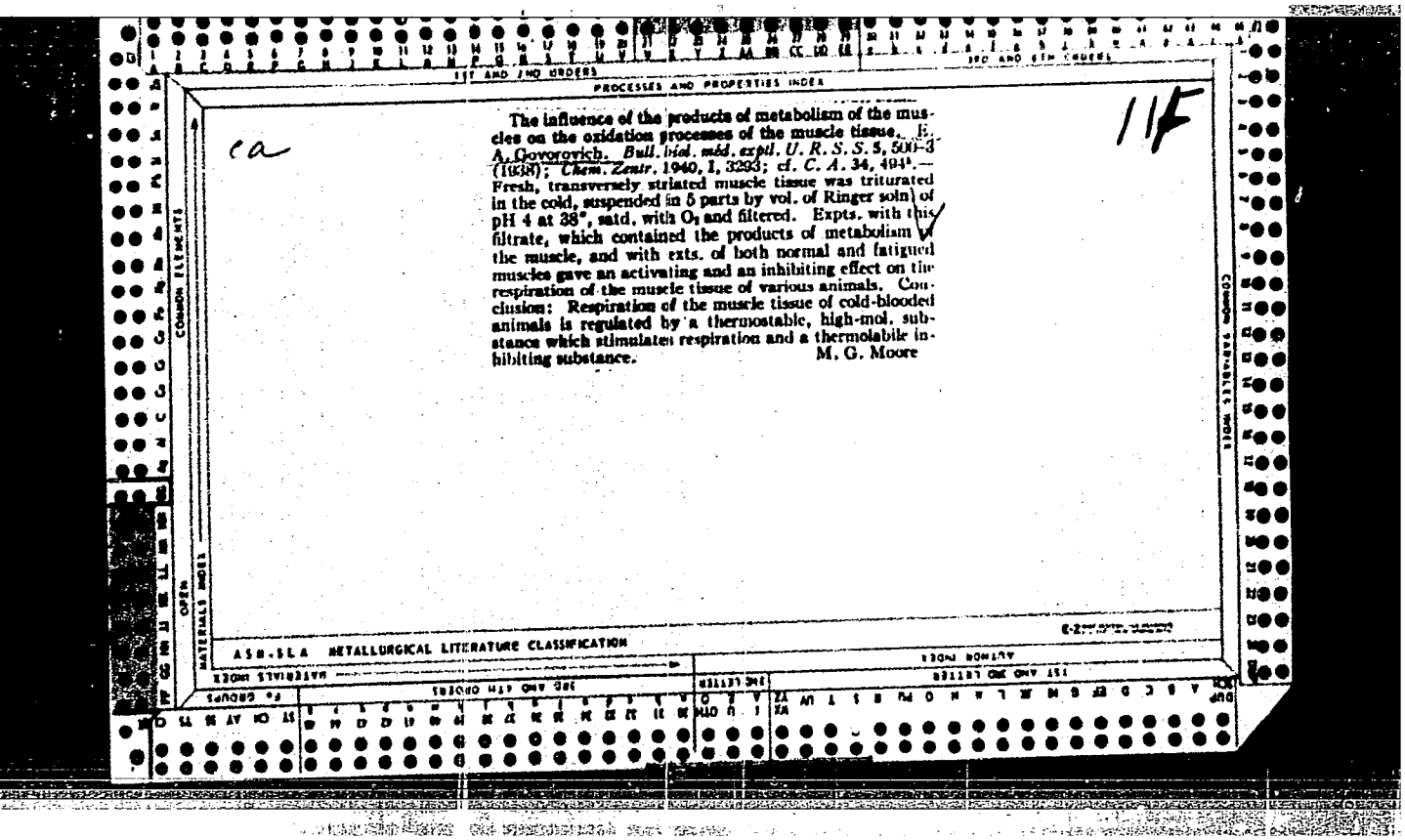
Card 1/1 BLG UDC: 548.0: 535.2





The effect of the lower fatty acids on the respiration of animal tissues. E. A. Govorovich. *Bull. biol. méd. exptl. U. R. S. S.* 3, 225–6(1937); *Chem. Zentr.* 1937, II, 3023.—The effect of very low concns. (0.007, 0.03 and 0.1 *M*) of acetic (I), propionic (II) and butyric (III) acids on the respiration of liver (cat), lung (cat) and muscle (cat and pigeon) was studied. In liver and muscle there was an increase in O_2 consumption and CO_2 production; in lung only I produced a detectable effect (on O_2 consumption). From the respiration quotient it was concluded that I and II only underwent complete oxidation while III stimulated other respiration processes also. Some of the numerous values reported show large fluctuations.

M. G. Moore



1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

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The influence of the products of metabolism of the muscles on the oxidation processes of the muscle tissue. I. A. Govorovich. *Bull. biol. méd. expll. U. R. S. S.* 5, 500-3 (1938); *Chem. Zentr.* 1940, I, 3293; cf. *C. A.* 34, 4941.— Fresh, transversely striated muscle tissue was triturated in the cold, suspended in 5 parts by vol. of Ringer soln. of pH 4 at 38°, satd. with O_2 and filtered. Expts. with this filtrate, which contained the products of metabolism of the muscle, and with exts. of both normal and fatigued muscles gave an activating and an inhibiting effect on the respiration of the muscle tissue of various animals. Conclusion: Respiration of the muscle tissue of cold-blooded animals is regulated by a thermostable, high-mol. substance which stimulates respiration and a thermolabile inhibiting substance.

M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GOVOROVICH, Ye.A. (Moskva)

Secretory function of the stomach and metabolic processes in neurovascular diseases. Klin. med. 35 no.2:127-133 F '57 (MLRA 10:4)

1. Iz laboratorii AMN SSSR (zav.-deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov)

(NERVOUS SYSTEM, dis. & metab.
secretory funct. of stomach in neurovasc. dis.)
(VASCULAR DISEASES, PERIPHERAL, physiol.
same)
(GASTRIC JUICE, physiol.
secretion in neurovascular diseases)

GOVOROVICH, Ye.A.

Physiological and biochemical changes in mastitis following albomycin and ecmonovocillin therapy [with summary in English]. Antibiotiki 3 no.6:55-59 N-D '58. (MIRA 12:2)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).
(PENICILLIN, ther. use,
mastitis, ecmoline-penicillin prep., biochem. & physiol. aspects (Rus))
(ANTIBIOTICS, ther. use,
albomycin in mastitis, biochem. & physiol. aspects (Rus))
(MASTITIS, ther.
albomycin & penicillin-ecmoline prep., biochem. & physiol. aspects (Rus))
(ANTISEPTICS, ther. use,
ecmoline-penicillin prep. in mastitis, biochem. & physiol. aspects (Rus))

GOVOROVICH, Ye.A. (Moskva)

Development of protein insufficiency in surgical diseases.
Klin.med. 36 no.11:110-115 N'58 (MIRA 11:12)

1. Iz laboratorii AMN SSSR (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).
(PROTEIN, defic.
in surg. dis. (Rus))

GOVOROVICH, Ye.A.; LITVINOV, V.I.

Physiological, biochemical, and clinical changes in patients with diseases of the gastrointestinal tract during the administration of colimycin. Antibiotiki 5 no.3:102-104 My-Je '60. (MIRA 14:6)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G.Rufanov), khirurgicheskoye otdeleniye bol'nitsy No.56.
(ANTIBIOTICS) (ALIMENTARY CANAL--DISEASES)

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V.

Treatment of surgical patients with the new antibiotic monomycin. Antibiotiki 5 no.4:33-37 Jl-Ag '60. (MIRA 13:9)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (zav.-deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).
(ANTIBIOTICS) (SUPPURATION)

RUFANOV, I.G., prof.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V. (Moskva)

Dihydrostreptomycin paraaminosalicylate in surgical practice. Klin.med. 38 no.11:67-72 N '60. (MIRA 13:12)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).
(STREPTOMYCIN) (SALICYLIC ACID)

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V.

Use of colimycin, mycerin and monomycin for treatment of surgical diseases. Vest. AMN SSSR 16 no.7:56-63 '61. (MIRA 14:7)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov.
(ANTIBIOTICS)

GOVOROVICH, Ye.A.; MARSHAK, A.M.

Some physiological, biochemical, microbiological and clinical observations on the use of polymyxin M in surgical diseases of the stomach and large intestine. Antibiotiki 7 no.12:1107-1111 D '62. (MIRA 16:5)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (zav.-deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).
(POLYMYXIN) (ALIMENTARY CANAL--SURGERY)

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; D'YACHENKO, G.M.; SYSOYEVA, L.A.

Clinical use of the combined antibiotic sigmamycin (tetracycline and oleandomycin). Vest.AMN SSSR 17 no.3:3-8 '62. (MIRA 15:4)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR.

(SIGMAMYCIN)

RUFANOV, I. G., prof.; GOVOROVICH, Ye. A., doktor biologicheskikh nauk

Significance of the achievements in the field of biochemistry for surgery. Khirurgiia 38 no.5:3-9 My '62. (MIRA 15:6)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I. G. Rufanov) AMN SSSR.

(SURGERY) (BIOCHEMISTRY)

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; SYSOYEVA, L.A.; D'YACHENKO, G.M.

Ristomycin, a new antibiotic for intravenous introduction; studies on its clinical and physiological effect on patients with severe infections. Antibiotiki 8 no.9:836-839 S '63.
(MIRA 17:11)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR.

RUFANOV, I.G., prof.; GOVOROVICH, Ye.A.; GOLUBLEVA-D'YACHENKO, G.M.; BASHLAY, A.G.

Nonspecific immunological body reactivity in antibiotic treatment of purulent infections. Probl. gemat. i perel. krovi 8 no.12:27-30 D '63. (MIRA 17:9)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav.- prof. I.G. Rufanov) i Moskovskoy gorodskoy stantsii perelivaniya krovi (nauchnyy rukovoditel' - prof. D.N. Belen'kiy).
2. Deystvitel'nyy chlen AMN SSSR (for Rufanov).

GOVOROVICH, Ye.A., doktor biologicheskikh nauk; MARSHAK, A.M., kand. med. nauk.

Use of sulfanilamides combined with antibiotics and the advantage of sulfapyridazine, a sulfanilamide of prolonged action. Sov. med. 27 no.10:19-25 O '63. (MIRA 17:6)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (nauchnyy konsul'tant - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).

GOVOROVICH, Ye.A. (Moskva)

Proetin composition of the blood serum in antibiotic therapy.
Klin. med. 41 no.7:85-91 Jl '63 (MIRA 16:12)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G.Rufanov).

GOVOROVICH, Ye.A., doktor biolog. nauk (Moskva)

Effect of antibiotics on the nervous system. Klin. med. 41 no.9: 28-31 S'63 (MIRA 17:3)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov), Moskva.

GOVOROVICH, Ye. A.

"Changes in some functions of the organism during antibiotic therapy."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Lab for Clinical Evaluation of New Antibiotics, Prof A. V. Vishnyevskiy's Inst of Surgery, AMS USSR.

GOVOROVICH, Ye.A., doktor biolog. nauk

Conference devoted to problems concerning the clinical use of antibiotics. Sov. med. 28 no.8:149-151 Ag '65. (MIRA 18:9)

GOVOROVICH, Ye.A.; KORABEL'NIKOVA, N.I.

Vitamin content in the organism and intestinal microflora in the treatment of surgical patients with oxytetracycline combined with vitamins. Antibiotiki 9 no.9:856-860 S '64.

(MIRA 19:1)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov i kafedra mikrobiologii (zav. - deystvitel'nyy chlen AMN SSSR prof. Z.V. Yermol'yeva) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

L 07839-67 EWT(1) IJP(c)
ACC NR: AP6024670 SOURCE CODE: UR/0070/66/011/004/0628/0631

AUTHOR: Govorova, Ye. Z.; Zubov, V. G.; Firsova, M. M. 52 49 B

ORG: Moscow State University im. V. M. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Certain features of acoustic wave interaction in crystals

SOURCE: Kristallografiya, v. 11, no. 4, 1966, 628-631

TOPIC TAGS: acoustic wave, ultrasonic wave propagation, ammonium compound, acoustic diffraction, single crystal, quartz crystal

ABSTRACT: This is a continuation of earlier work (Kristallografiya v. 9, no. 4, 459 -- 465, 1964), where the authors observed in α-quartz, by an ultrasonic diffraction method, the appearance of longitudinal oscillation modes accompanying transverse oscillations. The present article is devoted to a similar study with single-crystal ADP, in which there are no piezocoefficients causing longitudinal oscillations, and in which the elastic nonlinearity is larger than in quartz. The results have shown that the transverse mode is continuously accompanied by a second harmonic of a longitudinal mode in the same direction. In the general case this

Card 1/2 UDC: 548.0:539.37

longitudinal mode is weaker than the mode exciting it, but under certain geometrical resonance conditions the diffraction maxima on the longitudinal mode become comparable in brightness with the original transverse mode. The result is shown to agree with a general formula derived for the propagation of an elastic wave in a nonlinear crystalline medium, whereby under certain conditions the second-harmonic longitudinal oscillation can increase spontaneously and give rise eventually to a first harmonic, which was not present hitherto. This energy transfer from one harmonic to another is in good agreement with the results of E. Fermi, J. Pasta and S. M. Ulam (Studies of Nonlinear Problems, LA-1940, OTS, US Department of Commerce, Washington, D. C.), who investigated directly the energy transitions in the spectrum of a vibrating string with nonlinear parameters. The present experiments, like the observations of Fermi et al., only permit observation of this process but still offer no theoretical explanation. The authors thank I. S. Roz, F. I. Feygina, and R. D. Zaytseva for preparing the high grade ADP crystals. Orig. art. has: 2 figures and 4 formulas.

SUB CODE: 20/ SUBM DATE: 08Sep64/ ORIG REF: 004/ OTH REF: 003

ZUBOV, V.G.; GOVOROVA, Ye.Z.

Effects of third-order anharmonicity in crystals. Kristallografiia 10 no.1:56-58 Ja-F '65. (MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

ACC NR: AT6036629 SOURCE CODE: UR/0000/66/000/000/0331/0332

AUTHOR: Ryzhov, N. I.; Derbeneva, N. N.; Seraya, V. M.; Mashinskaya, T. Ye.; Oparina, D. Ye.; Govoruk, R. D.

ORG: none

TITLE: Relative biological effectiveness of 126-Mev protons in repeated exposures imitating the frequency of solar flares (Paper presented at the Conference on Problems of Space medicine held in Moscow from 24-27 May 1966)

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 331-332

TOPIC TAGS: cosmic radiation biologic effect, proton radiation biologic effect, radiation hematologic effect

ABSTRACT:
A study was made of the RBE of protons during repeated exposures approximating the frequency of solar flares in years of maximum solar activity. Half of the test group of 360 Wistar rats were irradiated with

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ACC NR: AT6036629

126-Mev protons, and the other half with 180-kv x-rays in single doses of 25, 50, 100, 200, and 400 rad. In the course of a year the animals received nine-fold exposure, amounting to total doses of 225, 450, 900, 1800, and 3600 rad, respectively. The dose power of proton radiation was 24—48 rad/min, and of x-ray radiation, 36 rad/min. It was found that nine-fold irradiation with protons and x-rays caused radiation sickness, the severity of which depended on the magnitude of single and total doses.

Definite differences were observed between the effects of protons and x-rays: protons caused greater depression of leukocytosis, and also further retarded the rate of recovery processes. Observed changes in the leukocyte count basically depended on corresponding shifts in the lumphocyte count. The content of neutrophils and other blood elements changed less under the influence of both types of radiation. Repeated irradiation with protons and x-rays caused progressive decrease in erythrocyte and hemoglobin content; the degree of decrease (which was slightly less pronounced for proton irradiation) depended directly on the magnitude of single and total doses. Changes in reticulocyte and thrombocyte content were less regular, and no reliable difference in the effects of protons and x-rays on these elements could be established. In many cases the formation of malignant tumors was a remote aftereffect of irradiation. Irradiation in a total dose of 3600 rad caused 100% death of rats with both x-ray and

Card 2/3

ACC NR: AT6036629

proton irradiation: the average time of life was 236 and 247 days, respectively. It was concluded that the RBE of 126-Mev protons does not differ essentially from 180-kv x-rays, and thus equals 1.0 under the given conditions.

[W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3

GOVORUKHA, L.S.

Fungi of Franz Josef Land. Probl.Arkt.i Antarkt. no.3:119-121 '60. (MIRA 13:9)

(Franz Josef Land--Fungi)

GOUORUKHA, L.S.

PHASE I BOOK EXPLOITATION SOV/6810

Leningrad. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut

Problemy Arktiki i Antarktiki; sbornik statey, 17?p.) (Problems of the Arctic and Antarctic; Collection of Articles, No. 3) Leningrad, Izd-vo "Morskoy transport," 1960. 119 p. 900 copies printed. [Error copy]

Sponsoring Agencies: Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut Glavnogo upravleniya Severnogo morskogo puti Ministerstva morskogo flota SSSR.

Resp. Ed.: V.I. Prokof; Editorial Board: L.M. Balabkin, A.A. Gira, P.A. Gorbiyenko (Deputy Resp. Ed.), I.M. Dolgin, L.G. Kaplinskiy, A.A. Kirillov, Ye.S. Korotkevich, V.V. Lavrov, I.V. Maksimov, A.F. Ol', I.I. Pomerak, and B.F. Polisar; Tech. Ed.: L.P. Drozhzhina.

PURPOSE: This collection of articles is intended for geographers and geophysicists, particularly those interested in the problems of the Arctic and Antarctic.

COVERAGE: This publication of the Arctic and Antarctic Scientific Research Institute contains articles on the water temperature in the Arctic Basin, the tides of Arctic seas, the structure of Arctic cyclones and anticyclones, millisecond measurements of temperature, the determination of ice thickness by dipole electromagnetic methods, and magnetic activity in relation to geographical longitude and latitude. No personalities are mentioned. References follow each article.

AVAILABLE: Library of Congress

Card 4/4

JA/dwm/gh
4-8-61

SIMONOV, I.M.; GOVORUKHA, L.S.

Physicogeographical expedition to Franz Josef Land. Probl.Arkt.i Antarkt. no.7:59-60 '61. (MIRA 14:10)
(Franz Josef Land--Physical geography)

S/169/62/000/004/051/103
D228/D302

AUTHORS: Govorukha, L. S. and Simonov, I. M.

TITLE: Question of the glaciation tendency of the Franz Josef Land

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 55-56, abstract 4V329 (V sb. Probl. Arktiki i Antarktiki, no. 9, L., Morsk. transport, 1961, 63-65)

TEXT: It is noted that up to the present time there are conflicting opinions in the literature regarding the glaciation tendency of the Franz Josef Land. The authors speak in favor of the recession of glaciation throughout the archipelago's territory. This position is based on the data of the expedition of the Arkticheskiy i Antarkticheskiy institut (Arctic and Antarctic Institute) in 1960. As a result of the field work the structural-petrographic characteristics of the ice sheet were obtained, and the glaciation's morphologic features were analyzed. It was established that the height of the snow line is situated 300 - 400 m above sea-level.

Card 1/2

Question of the ...

S/169/62/000/004/051/103
D228/D302

In this connexion most of the domes are found in the ablation region; for the entire archipelago as a whole this results in a negative balance of matter. The fact of the negative balance is confirmed by the periodic thawing of signs and marks on the domes; the discovery, as a result of melting, of ancient infiltration and infiltration-congelation ice; the presence in the ice of a cryonite horizon, enriched by mineral particles and represented by the weathering products of rocks; the absence of complex horizontal stratification of mineral particles, observed when the balance is positive; and the presence of obviously relic domes, testifying to the decomposition of a single ice sheet. [Abstracter's note: Complete translation.]

Card 2/2

GOVORUKHA, L.S., mladshiy nauchnyy sotrudnik; KIRPICHEV, Ye.F., kand.tekhn.nauk

First results of drifting snow measurements by the use of the "Cyclone" drifting snow meter. Inform. biul. Sov. antark. eksp. no.26:22-25 '61. (MIRA 14:7)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut (for Govorukha). 2. Kotloburbinnyy institut imeni I.I.Polzunova (for Kirpichev).
(Antarctic regions—Snow surveys)

MIKHAYLOV, I.S.; GOVORUKHA, L.S.

Soils of Franz Josef Land. Vest. Mosk. un. Ser. 5: Geog. 17 no.6:42-48 N-D '62. (MIRA 16:1)

1. Kafedra geograii pochv Moskovskogo gosudarstvennogo universiteta i Nauchno-issledovatel'skiy institut Arktiki i Antarktiki.

(Franz Josef Land--Soils--Classification)

GOVORUKHA, L.S.

Present conditions of sedimentation in lakes of Franz Josef Land. Probl. Arkt. i Antarkt. no.13:119-122 '63. (MIRA 16:9)
(Franz Josef Land—Sedimentation and deposition)

GOVORUKHA, L.S.; MIKHALENKO, P.Ya.

Contemporary retreat of the ice cover on Franz Joseph Land and fluctuations of the coastal line of its islands. Probl.Arkt.i Antarkt. no.15:81-84 '64. (MIRA 17:4)

GOVORUKHA, L.S.

New data on the recent and ancient glaciation of Victoria Island.
Izv.Vses.geog.ob-va 96 no.4:352-354 Jl-Ag '64.
(MIRA 17:10)

GOVORUKHA, L.S.

Recent tectonic movements on Frans Josef Land and their geographic consequences. Probl. Arkt. i Antarkt. no.17:77-80 '64.
(MIRA 18:4)

GOVORUKHA, L.S.; SIMONOV, I.M.

Some results of limnological studies in Franz Josef Land Izv. Vses. geog. ob.-va 97 no.2:169-175 Mr-Ap '65. (MIRA 18:5)

GOVORUKHA, L.S.

Modern state of the glaciation of Severnaya Zemlya; results of geological studies in 1962-1963. Dokl. AN SSSR 163 no.5:1209-1212 Ag '65. (MIRA 18:8)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. Submitted March 15, 1965.

GOVORUKHA, V.

New plant producing sand lime building blocks. Sel'. stroi. 12 no.2: 16 F '58. (MIRA 11:2)

1. Predsedatel' pravleniya arteli "Bytoobskuzhivaniye." (Taganrog District--Building blocks)

VLADIMIROV, G.; RUBAN, V., prepodavatel'; MYASNIKOV, I., tekhnik-stroitel'; VASHCHUK, S.; GOVORUKHA, V.

Letters from readers. . Sel'. stroi. 13 no.4:30 Ap '59. (MIRA 12:6)

1.Nachal'nik Issyk-Kul'skogo rayotdela po stroitel'stvu v kolkhozakh Kirgizskoy SSR (for Vladimirov). 2.Zhitomirskaya odnogodichnaya stroitel'naya shkola USSR USSR (for Ruban). 3.Kuzovatovskiy rayispolkom Ul'yanovskoy oblasti (for Myasnikov). 4.Nachal'nik otdela vednogo khozyaystva Altayskogo kraysel'khozupravleniya (for Vashchuk). 5.Predsedatel' arteli "Bytobsluzhivaniye", Tagnarogskogo rayona, Rostovskoy oblasti (for Govorukha).

(Building)

Subject : USSR/Electricity AID P - 3358

Card 1/1 Pub. 43-13/21

Author : Govorukha, V. A., Technician

Title : Use of an electric motor as an autotransformer

Periodical : Energetik, 9, 26-27, S 1955

Abstract : The author briefly describes how he used an induction motor as a star connected autotransformer. One connection diagram. The editors in a note warn the readers that the method described greatly reduces the efficiency and the power factor.

Institution : None

Submitted : No date

Govorukhin, A.M.

GAMEZO, M.V., polkovnik; GOVORUKHIN, A.M., inzhener-polkovnik; DUKACHEV, M.P., podpolkovnik, red.; SOROKIN, V.V., tekhn.red.

[Officer's manual on military topography] Spravochnik ofitsera po voennoi topografii. Moskva, Voen.izd-vo M-va obor. SSSR, 1957. 277 p. (MIRA 11:2)
(Military topography)

GOVORUKHIN, A.M.

"Be able to orient yourself in a location" by A.M.Kuprin. Reviewed by A.M. Govorukhin. Geog. v shkole 23 no.4:90 Jl-Ag '60. - (MIRA 13:10)

(Orientation)
(Kuprin, A.M.)

GAMEZO, M.V., polkovnik zapasa; GOVORUKHIN, A.M., inzh.-polkovnik; DUKACHEV, M.P., red.; KALACHEV, S.G., tekhn. red.

[Officer's handbook on military topography] Spravochnik ofitsera po voennoi topografii. Izd.2., perer. i dop. Moskva, Voenizdat, 1963. 291 p. (MIRA 16:7)
(Military topography)

GOROKHOV, D.I.; GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.; Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; PORTNYAGIN, I.I., otv.red.; ROGOVSKAYA, Ye.G., red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic reference book on Tambov Province] Agroklimaticheskii spravochnik po Tambovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1959. 123 p. (MIRA 13:2)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometslushby TSentral'no-Chernozemnykh oblastey (for Gorokhov, Govorukhin, Smelaya, Pshenichnaya, Zaytseva).
(Tambov Province--Crops and climate)

GOVORUKHIN, A.P.; PSHENICHNAYA, A.M.; SMELAYA, T.V.; ZAYTSEVA, M.B.; Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; DOLGOSHOV, V.I., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I., otv.red.; ROGOVSKAYA, Ye.G., red.; BRAYNINA, M.I., tekhn.red.

[Agroclimatic reference book on Orel Province] Agroklimaticheskii spravochnik po Orlovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 91 p. (MIRA 13:11)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometsluzhby tsentral'no-chernozemnykh oblastey (for Govorukhin, Pshenichnaya, Smelaya). 3. Institut geografii AN SSSR (for Dolgoshov). (Orel Province--Crops and climate)

GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; DOLGOSHEV, V.I., nauchnyy sotrudnik; ZAYTSEVA, M.B.; NEDOSHIVINA, T.G., red.; VLADIMIROV, O.G., tekhn.red.

[Agroclimatic manual for Bryansk Province] Agroklimaticheskii spravochnik po Brianskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 111 p. (MIRA 14:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby TSentral'no-chernozemnykh oblastey. 2. Institut geografii AN SSSR (for Dolgoshev).
(Bryansk Province--Crops and climate)

GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.
Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; DOLGOSHOV, V.M., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I., otv.red.; MIRONENKO, Z.I., red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic manual for Lipetsk Province] Agroklimaticheskii spravochnik po Lipetskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 94 p. (MIRA 14:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby TSentral'no-Chernozemnykh oblastey. 2. Upravleniye gidrometsluzhby TSentral'no-Chernozemnykh oblastey (for Govorukhin, Smelaya, Pshenichnaya, Zaytseva). 3. Institut geografii Akademii nauk SSSR (for Dolgoshov).
(Lipetsk Province--Crops and climate)

GOVORUKHIN, A.P.

Freezing and thawing regime of soils in the Central Black Earth Region. Sbor.rab.Kursk.gidromet.obzerv. no.2:12-33 '64. (MIRA 17:9)

GOVORUKHIN, B.I.

All-terrain vehicles and helicopters in geodesy. Geod.i kart. no.5: 64 My '61. (MIRA 14:6)
(Surveying) (Motor vehicles, Amphibious) (Helicopters)

GOVORUKHIN, G.

Patriotic work of the Moscow metallurgists. Voen.znan. 33 no.10:15 O '57. (MIRA 10:11)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Moskovskogo zavoda "Serp i molot."

(Moscow--Military education)

GOVORUKHIN G.

85-58-5-7-38

AUTHOR: Govorukhin, G., Chairman DOSAAF Committee at the "Serp i Molot" Plant (Moscow)

TITLE: We Shall Carry Out the Decisions of the DOSAAF Convention (Vypolnim resheniya s"yezda DOSAAF)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 5, p 6 (USSR)

ABSTRACT: The author tells of DOSAAF activities in aviation sports at his plant, where interest in parachute jumping and model-airplane building predominate. Public instructors include Komsomol members Leonid Avramenko, Boris Klement'yev, and Yuriy Vatmanovskiy, who instructed a large group of plant workers in parachute jumping. Another group, composed of Komsomol members employed at the plant, is now completing its primary training. Two or three other groups will be trained in the course of the summer [1958].

ASSOCIATION: Komitet DOSAAF zavoda "Serp i Molot" (DOSAAF Committee at "Serp i Molot" Plant, Moscow)

AVAILABLE: Library of Congress

Card 1/1 1. Aviation - USSR 2. Parachute jumping

GOVORUKHIN, G.

Questions raised by life. Voen. znan. 38 no.4:17 Ap '62.
(MIRA 15:4)

1. Predsedatel' komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu zavoda "Serp i molot", Moskva.
(Military education)

GOVORUKHIN, L.

AID - P-171

Subject : USSR/Aeronautics

Card : 1/1

Authors : Govorukhin, L., Col. of the Guard and Zavoryzgin, B., Col. of the Guard

Title : Pilots of the Unit of the Order of Bogdan Khmel'nitskiy

Periodical : Air Force Herald, 1, 28-33, Ja 1954

Abstract : The author describes the heroic achievements of this unit during World War II. Some names of flyers are mentioned.

Institution : None

Submitted : No date

GOVORUKHIN, N. M.

"The Growing of Winter-Resistant Vegetable Crops in Steam-Heated Hot Beds and Warm Soil." Cand Agr Sci, Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No. 598, 29 Jul 55

AP6033223 SOURCE CODE: UR/0142/66/009/004/0560/0562

AUTHOR: Govorukhin, V. I.; Polevoy, V. V.

ORG: none

37

TITLE: A transistorized distributed amplifier with rising frequency characteristics

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 4, 1966, 560-562

TOPIC TAGS: distributed amplifier, solid state amplifier, frequency characteristic, transistorized amplifier

ABSTRACT: A transistorized distributed amplifier circuit with rising frequency characteristics is described. The amplifier transistors (see Fig. 1) are connected in series with the input capacitance; in this arrangement input signals are only slightly attenuated by the low transistor input impedance. For a significant part of the bandwidth the amplifier frequency characteristics are linear for values of m (parameter of m-type filters) greater than 1. Transistor input impedance has an insignificant effect on frequency characteristics for values of μ up to 0.2—0.5. The amplifier has a phase shift that is independent of the number of cascaded transistors and is relatively independent of frequency. For $\mu = 0$ the phase shift is 90° in the entire band; for $\mu = 0$ the phase shift changes from 90° with $x = 0$ to

Card 1/2

UDC: 621.375.421

Card 2/2 nst

GOVORUKHIN, V. P.

GOVORUKHIN, V. P. (Lt. Col. Veterinary Service). On anti-strangles biopreparations.

So: Veterinariya; 22; (2-3); February/March 1945; Uncl.
TABCON

GOVORUKHIN, V.P.

NIKOL'SKIY, S.N.; GOVORUKHIN, V.P.; CHERNOBAEV, N.I.
Stavropol' Krai Scientific Research Vet. Experimental Station
"Use of hexachloran in veterinary practice." Preliminary report.
SO: Vet. 27 (2) 1950, p. 37

GOVORUKHIN, V. S.

USSR/Arctic Studies May/Jun 1947
Meteorological Research

"Landscape Dynamics and Climatological Variations of Polar Regions," V. S. Govorukhin, 8 pp

"Iz Vsesoyuz Geog Obshchestva" Vol LXXIX, No 3

Discusses the general factors which caused the formation of the landscape. Attempts to answer whether or not the climate of the polar regions is going to remain constant and if so for how long, and the various factors which lead to conclusions reached by the author. He states that the climate of the polar regions is gradually changing for the better in regard to the living conditions in those latitudes.

2915

LC

GOVORUKHIN, V. S.

21463 GOVORUKHIN, V. S.

Geografiya pochv zapadnoy Arktiki. /Tezisy Doklada/.
Trudy Vtorogo Vsesoyuz. geogr. s"yezda. T. P.M., 1948,
s. 368 - 69

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

GOVORUKHIN, V. S.

"Notes on the Floral Geography of the Northern Temperate and Arctic Zones (Golarktika)," Trudy MOIP, Otd. geol., No.1, 1951

GOVORUKHIN, V. S.

"Tundras of Malyy Yamal and of the Arctic Urals," Byul. MOIP, Otd. geol., 27, No.3, 1952

GOVORUKHIN, V. S.

"Punctate Tundra as a Factor in the Formation of INtegumentary Argillaceous Soils"

A paper presented on 14 April, The Activity of the Moscow Society of Naturalists, Byulleten' Moskovskogo Obshchestva Ispytateley Prirody Vol LX

No 6, Moscow, Nov-Dec, 1955, pp 80-90, Geology Section
Source: U-9235, 29 Nov 1956

GOVORUKHIN, V.S.

Spotted tundra as a factor in the formation of clayey surfaces.
Biul.MOIP.Otd.geol.30 no.6:100-101 N-D '55. (MLRA 9:4)
(Tundras)

USSR/Cultivated Plants - Medicinal. Essential Oils. Toxins. M-8

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30104

Author : Govorukhin, V.S.

Inst : Moscokskaya Oblast Pedagogical Institute.

Title : Observations on Several Toxins and Medicinal Plants of Moskovskaya Oblast' (On the 20th Anniversary of the Myachkovskaya Geographical Station of Moskovskaya Oblast' Pedagogical Institute).

Orig Pub : Uch. zap. Mosk. obl. ped. in-t, 1956, 47, 185-195

Abstract : The studies of the Myachkovskaya Station on the ecology and distribution in Moskovskaya Oblast' of yarrows, of aconite and monk's hood, valerian and wild onions.
1) On the basis of a morphological study of the leaves of the aconite a series of leaf structures were set up which are significant in working out the intervarietal systematics

Card 1/2

GOVORUKHIN, VASILIY SERGEYEVICH

ALEKHIN, Vasiliy Vasil'yevich, professor; KUDRYASHOV, Leonid Vasil'yevich, professor; GOVORUKHIN, Vasiliy Sergeyevich; VASIL'YEVA, O.S., redaktor; MAKHOVA, N.N., tekhnicheskiy redaktor

[Plant geography and the principles of botany] Geografiia rastenii s osnovami botaniki. Moskva, Gos. uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1957. 519 p. (MLRA 10:7)
(Phytogeography)

GOVORUKHIN, V.S.

Spare forests at the polar limit of Malyy Yamal forests and in the Ob' wooded tundras. Zemlevedenie 4:214-228 '57. (MLRA 10:9)
(Tyumen Province--Forests and forestry)

AUTHOR: Govorukhin, V.S. SOV-5-58-2-39/43

TITLE: The Botanic-Geographic Profile of the East (Siberian) Slopes of the Ural Mountain Range (Botaniko-geograficheskiy profil' vostochnykh (sibirskikh) sklonov Ural'skogo khrepta)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody - Otdel geologicheskiy, 1958, Nr 2, pp 163-164 (USSR)

ABSTRACT: In this article, the author gives a detailed description of the different tree belts at different altitudes on the eastern slopes of the Ural Mountain Range.

1. Trees—Growth 2. Trees—Climatic factors 3. Mountains—Siberia

Card 1/1

SOCHAVA, V.V., otv. red.; GOVORUKHIN, V.S., red.; ENDEL'MAN, G.N., tekhn. red.

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1. Soveshchaniye po voprosam kartografii rastitel'nogo pokrova. Novosibirsk, 1960.

ALEKHIN, Vasiliy Vasil'yevich, prof.; GOVORUKHIN, Vasiliy Sergeyevich, prof.; KUDRYASHOV, Leonid Vasil'yevich; SHIBANOVA, A.A., red.; KONSHINA, V.A., red.; PODOL'SKAYA, M.Ya., red. kart; MAKHOVA, N.N., tekhn. red.

[Plant geography and the principles of botany] Geografiia rastenii s osnovami botaniki. Izd.2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 531 p.
(MIRA 15:4)

(Phytogeography)

GVOZDETSKIY, N.A., red.; GOVORUKHIN, V.S., red.; CHIKISHEV, A.G., red.; ENDEL'MAN, G.N., red.; KLEUSOVA, A., tekhn. red.

[Problems in physical geography of the Urals] Voprosy fizicheskoi geografii Urala; trudy. Moskva, Mosk. ob-vo ispytatelei prirody, 1960. 124 p. (MIRA 14:8)

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(Ural Mountain region--Physical geography)